Natural Hazards Impacting Society

Global Cycles of Energy and Matter

Determining the and magnitudes of Earth system

Habitability and Life on Earth

Defining the conditions for, and the role of, life in the marine realm

> DYNAMIC CARTL

Hazards

Cycles & Rates

The Oceanic Life Cucle of **Tectonic Plates**

destruction of oceanic

Earth's Climate

System

Tipping Points in Earth's History

Feedbacks in the Earth System

Constraining the processes that regulate or destabilize the Earth system



